



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Dumm et al.

Group Art Unit: 1762

Serial No.: 10/829,555

Examiner: Not Yet Assigned

Filed: April 22, 2004

Title: METHOD TO PROVIDE WEAR-RESISTANT COATING AND RELATED

**COATED ARTICLES** 

## **INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO/SB/08A. Copies of the U.S. references cited thereon are not required, as the application was filed after June 30, 2003. It is respectfully requested that the references cited on the attached Form PTO/SB/08A be expressly considered and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 30, 2004.

Michelle Pichora
(Name of Person Mailing Paper)

Michelle Di Chora 08/30/04
Signature Date

## **AUTHORIZATION**

No fee is believed to be due for the filing of this Information Disclosure Statement as it is being submitted before the mailing of a first Office Action on the merits. Nevertheless, the Commissioner for Patents is hereby authorized to charge any additional fees which may be required for this submission to Deposit Account No. 50-0426.

Respectfully submitted, PEPPER HAMILTON LLP

Carissa A. Tener

Registration No. 52,278

## Pepper Hamilton LLP

One Mellon Bank Center, 50<sup>th</sup> Floor 500 Grant Street Pittsburgh, PA 15219 Telephone: (412) 454-5830

Facsimile: (412) 281-0717 Date: August 30, 2004

PTO/SB/08A (08-00)

Please type a plus sign (+) inside this box → +

Approved for use through 10/31/2001. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

erwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form	1449A/PTO			Complete if Known		
INFORM	TATION D	<b>ISCLOS</b>	URE	Application Number	10/829,555	
STATEM	MENT BY	APPLICA	ΔNT	Filing Date	April 22, 2004	
SIAIL	ILITI DI	AI I LIO	7141	First Named Inventor	Dumm	
(use a	s many sheets as nec	essary)		Group Art Unit	1762	
				Examiner Name	Not yet assigned	
Sheet	1	of	2	Attorney Docket Number	128346.12601	

	T		U.S. PATENT DOCUM		0.1
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document  Number Kind Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	3,779,873	Dewar	12-18-1973	
	2	4,997,686	Feldstein et al.	03-05-1991	. ,
•	3	5,024,680	Chen et al.	06-18-1991	
	4	5,062,865	Imamura et al.	11-05-1991	•
	5	5,145,517	Feldstein et al.	09-08-1992	
	6	5,232,469	McEachron et al.	08-03-1993	
	7	5,391,407	Dearnaley	02-21-1995	· · · · · · · · · · · · · · · · · · ·
	8	6,156,390	Henry et al.	12-05-2000	
	9	6,319,608	Dey et al.	11-20-2001	
	10	6,372,346	Toth	04-16-2002	
	11	6,540,800	Sherman et al.	04-01-2003	
	<u> </u>				
	1				

FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document			Name of Patentee or Applicant of Cited	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
Initials	No.1	Office <sup>3</sup>	Number <sup>4</sup>	Kind Code⁵	Document	of Cited Document	or Relevant Figures Appear	T <sup>6</sup>
	12	wo	01/46324	A2	Subhash K. Haik	06-28-2001		
							****	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.



Approved for use through 10/31/2001. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Page of the Reduction Act of 1995 no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form	1 1449A/PTO					
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
				Application Number	10/829,555	
				Filing Date	April 22, 2004	
				First Named Inventor	Dumm	
				Group Art Unit	1762	
				Examiner Name	Not yet assigned	
Sheet	2	of	2	Attorney Docket Number	128346.12601	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, cite and/or country where published.	T²
	13	The Theory and Application of the HVOF Thermal Spray Process, "Coating and Thermal Spray Techniques", Chapter 2, pp. 15-40.	
· .			
	,		
Examiner	1	Date	

Examiner	Date	-
Signature	Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.